



ELECTRIC VEHICLE CHARGING SYSTEM

BUILDING SERVICES



EVCS SUBMITTAL REQUIREMENTS FOR SINGLE-FAMILY RESIDENCE

- ☐ The installation of the EV charging system shall comply with the requirements in CEC Article 625.
- ☐ All electric vehicle supply equipment shall be marked by the manufacturer as follows:
“FOR USE WITH ELECTRIC VEHICLES”.
- ☐ Provide the UL listing number or the listing of another approved and nationally recognized testing laboratory, in compliance with UL 2202; Standard for Electric Vehicle Charging System Equipment.
- ☐ The EV charging system equipment shall be installed in accordance with the manufacturer’s guidelines and shall be suitable for its intended location.
- ☐ If a ventilation system is required by the manufacturer, provide information for the ventilation system including the ducting run, type and location of exhaust unit, termination point and ventilation rate in cubic feet per minute (CFM) or cubic meters per minute (CMM).
- ☐ Specify the rating of the existing electrical service panel.
- ☐ Identify the EV charging system load and circuit size, e.g. (120V, 15/20A), (240V, 40A).
- ☐ If a second electrical meter is required due to special utility rates, please indicate the location and amperage. In addition, verify location of new meter with PG&E.
- ☐ Provide a floor plan drawing of the garage indicating the proposed location of the EV charging system. In addition, show the location of the electrical meter panel. Sample plan shown below:

